



SLOVENSKI STANDARD
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Safety of toys - Part 8: Swings, slides and similar activity toys for indoor and outdoor family domestic use

Sicherheit von Spielzeug - Teil 8: Schaukeln, Rutschen und ähnliches Aktivitätsspielzeug für den häuslichen Gebrauch (Innen- und Außenbereich)

Sécurité des jouets - Partie 8: Balançoires, toboggans et jouets d'activité similaires a usage familial en extérieur et en intérieur

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ICS:

97.200.50 Q|æ^ Toys

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ICS 97.200.50

English Version

Safety of toys - Part 8: Swings, slides and similar activity toys for indoor and outdoor family domestic use

Sécurité des jouets - Partie 8: Balançoires, toboggans et jouets d'activité similaires à usage familial en extérieur et en intérieur

Sicherheit von Spielzeug - Teil 8: Schaukeln, Rutschen und ähnliches Aktivitätsspielzeug für den häuslichen Gebrauch (Innen- und Außenbereich)

This draft amendment is submitted to CEN members for enquiry. It has been drawn up by the Technical Committee CEN/TC 52.

This draft amendment A3, if approved, will modify the European Standard EN 71-8:2003. If this draft becomes an amendment, CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for inclusion of this amendment into the relevant national standard without any alteration.

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Recipients of this draft are invited to submit, with their comments, notification of any relevant patent rights of which they are aware and to provide supporting documentation.

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Contents

Page

Foreword.....	3
3 Definitions	4
4 Requirements	4
4.1.2 Maximum height (see A.9)	4
4.1.5 Climbing and swinging ropes	5
4.2.2 Ladders and similar means of access to toys (see A.10)	5
4.3.1 Head and neck entrapment	6
4.4 Stability of activity toys other than slides, swings and toys with crossbeams, and see-saws	7
4.5.2 Retaining sides for slides (see A.13)	7
4.5.3 Starting, sliding and run-out section on slides	7
4.5.4 Means of access to slides	8
4.6.2 Strength of crossbeams, swing devices and suspension connectors	8
4.6.3 Swings intended for children under 36 months	9
4.6.8 Suspension connectors and means of suspension	9
4.7 See-saws	10
4.7.1 Stability of see-saws	10
4.7.2 Seat/stand height	10
4.7.3 Restraint of motion	10
4.7.4 Pinching and crushing of fingers and toes	10
4.7.4 Hand supports	10
5.2 Assembly and installation instruction	10
6.1.5 Stability of see-saws	12
6.2.2 Strength of swings (see 4.6.2)	12
6.7 Diameter of ropes and chains for swings (see 4.6.8)	12
Annex A (informative)	13
A.9 General requirements (maximum height) (see 4.1.2)	13
A.10 Ladders and similar means of access to toys (see 4.2.2)	13
A.11 Clearance between swing elements and the ground for crossbeams with a maximum height of 1 200 mm (see 4.6.7)	13
A.12 Stability of swings and other activity toys with crossbeams (see 6.1.4.1.3)	13
A.13 Retaining sides for slides (see 4.5.2)	13

Foreword

This document (EN 71-8:2003/prA3:2007) has been prepared by Technical Committee CEN/TC 52 “Safety of toys”, the secretariat of which is held by DS.

This document is currently submitted to the CEN Enquiry.

This document has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association, and supports essential requirements of EU Directive(s).

3 Definitions

Add a new definition

(to become 3.6 and renumber the rest of the definitions of clause 3):

3.6

exposed edges

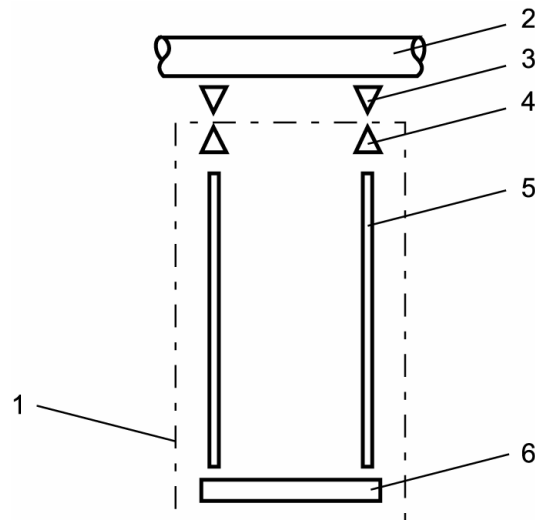
edges intended to be used and gripped by a child during the use of the toy (e.g. doors, windows, shutters, ladders, steps, *handrails*, retaining sides for *slide*, seat)

Amend 3.13 (now 3.14) as follows:

3.14

swing

structure incorporating a *crossbeam*, *suspension connectors* and a swing device with swing element, suspension coupling and means of suspension (see Figure 2)



Key:

- 1 Swing device
- 2 *Crossbeam*
- 3 *Suspension connector*
- 4 *Suspension coupling*
- 5 *Means of suspension*
- 6 *Swing element* (e.g. seat, rings, bar, gondola)

Figure 2 — Diagrammatic representation of a swing

4 Requirements

Amend 4.1.2 to read:

4.1.2 Maximum height (see A.9)

There shall be no part of the *activity toy* that has been designed to encourage the child to climb, sit or stand on which is over a height of 2 500 mm when measured from the ground.

Amend 4.1.5 as follows:*(additional requirement for climbing nets):***4.1.5 Climbing and swinging ropes**

Ropes used for climbing and swinging shall have the following diameters:

Ropes fixed at both ends	diameter between 18 mm and 45 mm
Ropes used in climbing nets	diameter between 10 mm and 45 mm
Free-hanging ropes fixed at upper end	diameter between 25 mm and 45 mm

Amend 4.2.2 as follows:*(Changes in title; 2nd para; b); c); d); e); f); new h); Figure 3).**Unchanged: a); g).***4.2.2 Ladders and similar means of access to toys (see A.10)**These requirements do not apply to toys with a *platform* height of 600 mm or less.

Ladders and similar means of access to toys shall comply with the requirements in items a) to h).

- a) Any opening shall comply with 4.3.1 (head and neck *entrapment*, probes C and D and test template E).
- b) Where a ladder or a stair is used, the lateral width of the tread or rung shall be 240 mm or more (see Figure 3 a).
- c) The distance between the upper surfaces of the treads or rungs shall not exceed 310 mm, when measured vertically in accordance with Figure 3 b).

This requirement does not apply to the vertical distance between the ground and the upper surface of the first step.

- d) The surface of the tread shall not be slippery. This can be achieved by corrugation of the steps or by the use of other types of materials.
- e) When ladders are provided with rungs, the maximum cross sectional dimension of the rungs shall be not less than 16 mm and not more than 45 mm.
- f) The depth of treads on closed step ladders shall be 120 mm or more.
- g) The inclination for ladders that are fixed to the toy shall be between 55° and 90° to the horizontal
- h) Ladders with a height of 1 200 mm or more shall be provided with *handrails* from a height of 600 mm from the ground to the top of the platform (see Figure 3 a). This requirement does not apply to ladders with rungs.

Dimensions in millimetres

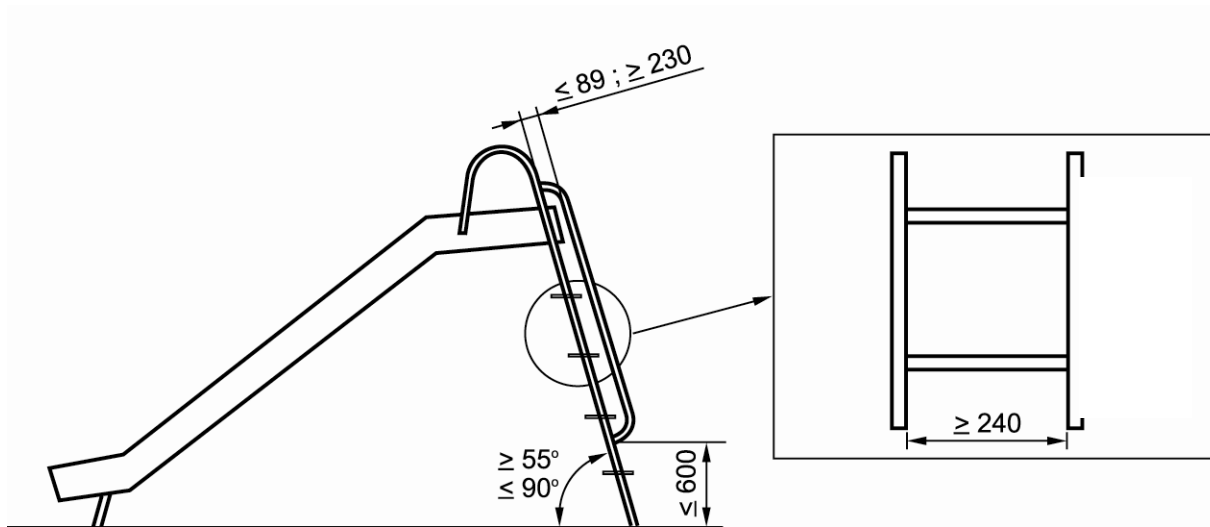


Figure 3 a)

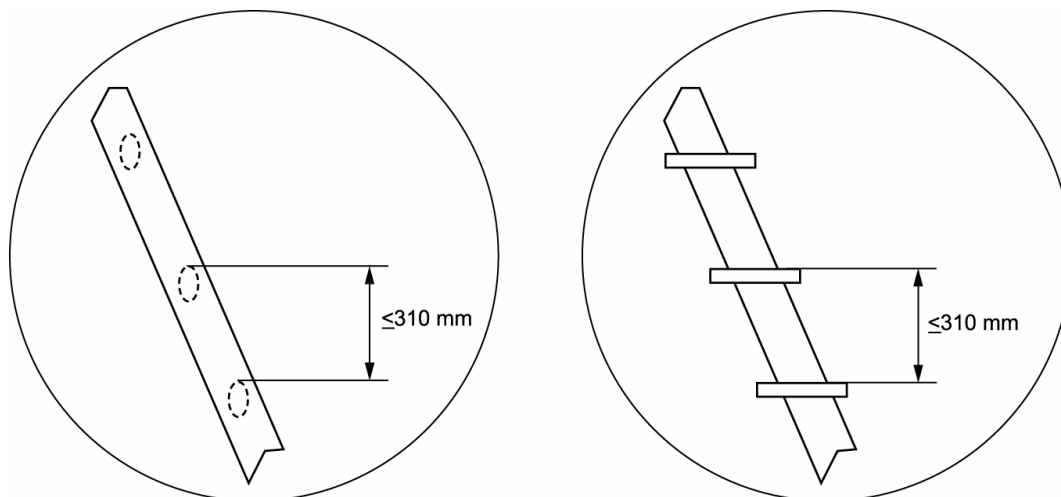


Figure 3 b)

Figure 3 – Dimensions of ladders

Amend 4.3.1, a) as follows:
 (addition of the word 'all')

4.3.1 Head and neck entrapment

- a) All *accessible* completely bound openings with a lower *edge* of 600 mm or more above the ground, or above any other surface which is of such a size that it will support a child, shall, if they allow passage of probe C (see Figure 10), also allow passage of probe D (see Figure 11) when tested in accordance with 6.5.1 (head and neck *entrapment* in completely bound openings).

Amend 4.4 as follows:

(additional words in title and in the NOTE):

4.4 Stability of activity toys other than slides, swings and toys with crossbeams, and see-saws

NOTE Stability requirements for *slides* are given in 4.5.1, for *swings* and other activity toys with *crossbeams* in 4.6.1, and for see-saws in 4.7.1.

Amend 4.5.2 as follows:

(new b); changes in a) and c):

Figure 5 unchanged.

4.5.2 Retaining sides for slides (see A.13)

Retaining sides for *slides* shall comply with the following (see Figure 5):

- a) For *slides* with a height of more than 1 500 mm measured from the ground, the height (*h*) of the retaining sides shall be 100 mm or more.
- b) For *slides* with a height between 1 000 mm and 1 500 mm measured from the ground, the height (*h*) of the retaining sides shall be 75 mm or more.
- c) For *slides* with a height of 1 000 mm or less measured from the ground, the height (*h*) of the retaining sides shall be 50 mm or more.

Retaining sides are not required for the run-out section.

Amend 4.5.3 as follows:

Change in c: new first indent added.

Change in e): radius changed. Corresponding changes introduced in figure 6 and key.

Rest of 4.5.3 unchanged).

4.5.3 Starting, sliding and run-out section on slides

- c) The starting section shall be provided with *handrails* in order to provide assistance to the child coming from the stair/ladder into the sitting position.
 - For *slides* with a height less than 600 mm, the height of the *handrail* shall be 100 mm or more.
 - For *slides* with a height between 600 mm and 1 000 mm, the height of the *handrail* shall be 150 mm or more.
 - For *slides* with a height between 1 000 mm and 1 800 mm, the height of the *handrail* shall be 350 mm or more.
 - For *slides* with a height exceeding 1 800 mm, the height of the *handrail* shall be 500 mm or more.
- e) The finishing end of the run-out section shall have a radius of 25 mm or more. This requirement does not apply to *slides* where the run-out section ends 50 mm or less from the ground.